

Generality

When a live show content is produced from a remote location (i.e. conference, live show) the network conditions are crucial.

The content needs to be pushed to our cloud infrastructure to be remote produced, routed to third parties or directly re-encoded and distributed to event participants depending on production and distribution complexity.

Minimum Requirements

Internet access needs to be as stable as possible with the following minimum requirements

20 Mbps per stream symmetric bandwidth (50Mbps recommended)

Allowed outbound connections to **TCP** ports **443, 1935, 1936 and 8443**

Allowed outbound connections to **UDP** ports **5000-5100, 8099, 8443, 10000 and 20000-20020**¹

One Ethernet port or cable drop located near the operator's physical setup

Preferably behind NAT router with DHCP LAN addressing²

¹Destination IP addresses might be provided upon request

²Brainsonic Live will handle its own LAN if needed by using an additional router. This would be transparent for the network provider.

How to test your connectivity

Test Internet speed

You may use the following tool or any reliable tool of your choice

Test your internet speed

<https://www.metercustom.net/plugin/?hl=fr>